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Appl. No. 10/637,124

Art Unit 2618

In the Claims:

1. (Currently Amended) A [method in a] mobile wireless

communication device [capable of receiving a paging message transmitted in a

series of bursts over successive time frames], comprising:

a receiver;

a controller coupled to the receiver,

the controller configured to cause the receiver to receive not more

than one burst of an incoming paging message transmitted in a series of bursts

over successive time frames,

the controller configured to determine [receiving not more than

one burst in a corresponding time frame of an incoming paging message;

determining whether the incoming paging message corresponds to a known

paging message [based on the not more than one burst received;] by

comparing incoming data of the not more than one received burst with known

data of a corresponding burst of the known paging message,

[combining] the controller configured to combine the incoming

data with known data of a different burst of the known paging message only if

results of comparing satisfy a specified requirement.

Claim 2 (Canceled).

3. (Currently Amended) The device [method] of Claim 1,

the controller configured to [reconstructing] reconstruct the

incoming paging message by decoding the combined incoming data and the

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known data [, determine] and to determine whether the reconstructed incoming paging message corresponds to the known paging message.

- 4. (Currently Amended) The <u>device</u> [method] of Claim 3, [receiving the known paging message in several bursts over successive time frames, storing the] the controller configured to store known data from at least a portion of the known paging message <u>received</u> in several bursts over successive time frames.
- 5. (Currently Amended) The <u>device</u> [method] of Claim 1, [measuring] the controller configured to measure a channel quality of the incoming paging message <u>and to rescale</u> [rescaling] the known data based on the channel quality of the incoming paging message.
- 6. (Currently Amended) The <u>device</u> [method] of Claim 1, [receiving another burst in subsequent time frame of the incoming paging message if the results of comparing do not satisfy a specified requirement, reconstructing] the controller configured to reconstruct the incoming paging message by decoding [the] data [from the bursts received] of the not more than one received burst and a burst in subsequent time frame of the incoming paging message if the results of comparing do not satisfy a specified requirement.
- 7. (Currently Amended) The <u>device</u> [method] of Claim 6, [assuming that data from bursts of the incoming message not received is unreliable before reconstructing, determining] the controller configured to

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determine whether the reconstructed incoming paging message corresponds to the known paging message.

8. (Currently Amended) The device [method] of Claim 1,

[receiving] the not more than one burst of the incoming paging message [by receiving] is a burst in a first time frame of the series of consecutive time frames,

[comparing] the controller configured to compare incoming data of the burst of the first time frame of the incoming paging message with known data of a burst of a first time frame of the known paging message,

[combining] the controller configured to combine the incoming data of the burst of the first time frame of the incoming paging message with known data of bursts of other time frames of the known paging message only if results of comparing satisfy a specified requirement,

[reconstructing] the controller configured to reconstruct the incoming paging message by decoding the combined incoming data and the known data,

[determining] the controller configured to determine whether the incoming paging message corresponds to the known paging message.

9. (Currently Amended) The device [method] of Claim 1,

[receiving] the not more than one burst of the incoming paging message [by receiving] is a burst in a second time frame of the series of consecutive time frames,

[comparing] the controller configured to compare incoming data of the burst of the second time frame of the incoming paging message with known data of a burst of a second time frame of the known paging message,

[combining] the controller configured to combine the incoming data of the burst of the second time frame of the incoming paging message with known data of a burst of different time frames of the known paging message only if results of comparing satisfy a specified requirement,

[reconstructing] the controller configured to reconstruct the incoming paging message by decoding the combined incoming data and the known data.

[determining] the controller configured to determine whether the incoming paging message corresponds to the known paging message.

10. (Currently Amended) A [method in a] mobile wireless communication device [capable of receiving an incoming message transmitted in a series of portions over consecutive intervals], comprising:

[receiving a portion of an incoming message of not more than a single one of the consecutive intervals;

a receiver;

a controller communicably coupled to the receiver, the controller configured to

cause the receiver to receive not more than one burst of an incoming paging message transmitted in a series of bursts over successive intervals,

[combining] combine the portion of the incoming message with a portion of a known message [;], and

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[reconstructing] reconstruct a message from the portion of the incoming message and the portion of the known message.

11. (Currently Amended) The <u>device</u> [method] of Claim 10, <u>the</u> controller configured to [operating a radio circuit of] the mobile wireless communication device in a reduced power consumption mode during remaining intervals of the incoming message if the incoming message corresponds to the known message.

12. (Currently Amended) The <u>device</u> [method] of Claim 10,

[receiving a no identity paging message transmitted in several bursts over consecutive time intervals;

storing] the controller configured to store known paging data from at least a portion of [the] a no-identity paging message received in several bursts over consecutive intervals, the known paging data corresponding to the known message.

- 13. (Currently Amended) The <u>device</u> [method] of Claim 10, <u>the</u> controller configured to cause the receiver to receive [receiving] the portion of the incoming message in not more than a first one of the consecutive intervals.
- 14. (Currently Amended) The <u>device</u> [method] of Claim 10, <u>the</u> controller configured to cause the receiver to receive [receiving] the portion of the incoming message in not more than a second one of the consecutive intervals without receiving any portion of the incoming message in a first of the consecutive intervals.

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15. (Currently Amended) The <u>device</u> [method] of Claim 14, <u>the</u>

controller configured to cause the receiver to receive [receiving] another

portion of the incoming message in a third one of the consecutive intervals if

the incoming message does not correspond to the known message.

16. (Currently Amended) The device [method] of Claim 10, the

controller configured to cause the receiver to compare [comparing] the portion

of the incoming message with a corresponding portion of a known message

and combine [; combining] the portion of the incoming message with the

portion of the known message only if results of comparing the portion of the

incoming message with the corresponding portion of the known message

satisfy a specified requirement.

17. (Currently Amended) The device [method] of Claim 10, the

controller configured to cause the receiver to rescale [rescaling] the portion of

the known message based on a channel quality of the incoming message.

18. (Currently Amended) The device [method] of Claim 10, the

controller configured to cause the receiver to combine [combining] the portion

of the incoming message with the portion of the known message by combining

the portion of the incoming message of not more than one consecutive interval

with portions of the known message from all other intervals of the incoming

message not received.

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19. (Currently Amended) A [method in a] mobile wireless

communication device capable of receiving an incoming message transmitted

in a series of portions over successive intervals, comprising:

a receiver;

a controller coupled to the receiver,

the controller configured to cause the receiver to receive

[receiving] portions of an incoming message in at least two successive

intervals without receiving a portion of the incoming message in a first of the

successive intervals;

the controller configured to decode [decoding] the portions of the

incoming message received.

20. (Currently Amended) The device [method] of Claim 19, the

incoming message transmitted in a series of burst over consecutive time

frames, the controller configured to receive [receiving] bursts of at least second

and third consecutive time frames [7] and to decode [decoding] data of the

burst of the second and third consecutive time frames.

21. (Currently Amended) The device [method] of Claim 19, the

incoming message [transmitted in] comprises a series of burst over

consecutive time frames, the controller configured to cause the receiver to

receive [receiving] bursts of at least third and fourth consecutive time frames [7]

decoding and decode data of the burst of the third and fourth consecutive

time frames.

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22. (Currently Amended) The <u>device</u> [method] of Claim 19, <u>the</u> controller configured to determine [determining] whether the decoded message is valid.

23. (Currently Amended) The <u>device</u> [method] of Claim 19, <u>the</u> controller configured to cause the receiver to receive [receiving] an additional portion of the incoming message in a successive interval if the decoded message is invalid.